CLAIM AMENDMENTS

1-18 (canceled)

19. (new) A gas supply arrangement of a marine vessel adapted to carry liquefied gas in a cargo tank having an ullage space section and a liquid phase section, the arrangement comprising:

a gas main supply line for supplying gas to a gas consumption device,

a first gas supply line which connects the ullage space section of the cargo tank to the gas main supply line and is provided with a compressor for raising the pressure of the gas to an adequate level for the gas main supply line,

a second gas supply line which connects the liquid phase section of the cargo tank to the gas main supply line and is provided with:

a pump for raising the pressure of liquid gas in the second gas supply line and for pumping the liquid gas forward in the second gas supply line,

a gas reservoir having an ullage space section and a liquid phase section,

a first duct section connecting the liquid phase section of the cargo tank to the gas reservoir, and

a second duct section connecting the ullage space section of the gas reservoir to the gas main supply line.

20. (new) A gas supply arrangement according to claim 19, wherein the gas reservoir is provided with a temperature control unit.

21. (new) A gas supply arrangement according to claim 20, wherein the temperature control unit comprises a heating device for heating liquid gas in the gas reservoir.

22. (new) A gas supply arrangement according to claim 21, comprising a control device responsive to gas pressure in the gas reservoir for controlling the heating device.

23. (new) A gas supply arrangement according to claim 21, wherein the heating device comprises a heat exchanger external to the gas reservoir and in fluid communication with the liquid phase section of the gas reservoir.

24. (new) A gas supply arrangement according to claim 19, wherein the gas reservoir is provided with a surface level control means for controlling the surface level of the liquid phase section of the reservoir.

25. (new) A gas supply arrangement according to claim 19, wherein the gas reservoir has a volume corresponding to a few hours gas consumption through the gas main supply line.

26. (new) A gas supply arrangement according to claim 19, wherein the first duct section of the second gas supply line extends to the liquid phase section of the gas reservoir and the second duct section of the second gas supply line extends from the ullage space section of the gas reservoir to the gas main supply line.

27. (new) A gas supply arrangement according to claim 19, comprising a control valve for automatically closing the second duct section of the second gas supply line.

28. (new) A gas supply arrangement according to claim 19, wherein the liquid phase section of the gas reservoir is connected to the cargo tank by a return line provided with a control valve.

29. (new) A gas supply arrangement according to claim 28, wherein the first duct section of the second gas supply line and the return line are in heat transfer relationship with each other.

30. (new) A gas supply arrangement according to claim 28, comprising a heat exchanger for transferring heat between gas in the first duct section of the second gas supply line and the return line.

31. (new) A gas supply arrangement according to claim 28, comprising a temperature measurement device for measuring temperature in the ullage space section of the gas reservoir, and wherein the control valve is responsive to said temperature measurement device.

32. (new) A gas supply arrangement according to claim 19, comprising a control unit for controlling pressure in the gas

reservoir by controlling heating of gas in the liquid phase section of the gas reservoir.

33. (new) A gas supply arrangement according to claim 32, wherein the control unit comprises a heat transfer device external to the gas reservoir and in fluid communication with the liquid phase section of the gas reservoir.

34. (new) A gas supply arrangement according to claim 33, wherein the heat transfer device comprises a control device responsive to gas pressure in the gas reservoir.

35. (new) A method of supplying gas to a gas consumption device of a marine vessel with a cargo tank for liquefied gas, the cargo tank having an ullage space section and liquid phase section and also having gas main supply line leading to the gas consumption device, said method comprising:

supplying gas from the ullage space section of the cargo tank to the gas main supply line via a first gas supply line which is provided with a compressor for raising the pressure of gas supplied via the first gas supply line to an adequate level,

supplying gas to the gas main supply line via a second gas supply line which connects the liquid phase section of the cargo tank to the gas main supply line,

raising the pressure of liquid gas in the second gas supply line and pumping the liquid gas forward in the second gas supply line to a gas reservoir having an ullage space section and a liquid phase section,

temporarily storing gas in the gas reservoir, and

supplying gas from the ullage space section of the gas reservoir to the gas main supply line.

36. (new) A method according to claim 35, comprising controlling temperature of liquid gas in the liquid phase section of the gas reservoir.

37. (new) A method according to claim 36, comprising controlling the temperature in response to pressure in the ullage space section of the gas reservoir.

38. (new) A method according to claim 35, comprising controlling the pressure of gas in the gas main supply line in response to temperature of the liquid phase section of the reservoir.

39. (new) A marine vessel adapted to carry liquefied gas in a cargo tank having an ullage space section and a liquid phase section, the vessel comprising:

a gas consumption device for utilizing gas from the cargo tank as fuel to provide power for the vessel,

a first gas supply line connecting the ullage space section of the cargo tank to the gas consumption device,

a compressor for raising the pressure of gas supplied through the first gas supply line to an adequate level for supply to the gas consumption device,

a second gas supply line connecting the liquid phase section of the cargo tank to the gas consumption device, and

a pump for raising the pressure of liquid gas in the second gas supply line and pumping the liquid gas toward the gas consumption device,

wherein the second gas supply line includes a gas reservoir having an ullage space section and a liquid phase section, a first duct connecting the liquid phase section of the cargo tank to the gas reservoir, and a second duct connecting the ullage space section of the gas reservoir to the gas consumption device.